PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference S 7178-Ro	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, Item 5 below.
International application No. PCT/EP2004/008449	International filing date (day/month/year) 28/07/2004	(Earliest) Priority Date (day/month/year) 28/07/2003
Applicant SAP AKTIENGESELLSCHAFT		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of ____4____ sheets.

[X] It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**
   a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

   [ ] The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

   b. [ ] With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. [ ] **Certain claims were found unsearchable (See Box II).**

3. [ ] **Unity of invention is lacking (see Box III).**

4. With regard to the title,

   [X] the text is approved as submitted by the applicant.

   [ ] the text has been established by this Authority to read as follows:

5. With regard to the abstract,

   [X] the text is approved as submitted by the applicant.

   [ ] the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

   a. the figure of the drawings to be published with the abstract is Figure No. ___2___

   [X] as suggested by the applicant.

   [ ] as selected by this Authority, because the applicant failed to suggest a figure.

   [ ] as selected by this Authority, because this figure better characterizes the invention.

   b. [ ] none of the figures is to be published with the abstract.

International Application No

PCT/EP2004/008449

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7   G06F9/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7   G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/019844 A1 (KHAN IQBAL MUSTAFA ET AL) 14 February 2002 (2002-02-14) paragraph '0092! – paragraph '0097! paragraph '0147! paragraph '0154! – paragraph '0158! paragraph '0193! – paragraph '0194! paragraph '0215! paragraph '0259! –/–	1-7

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
7 December 2004	19/01/2005

| Name and mailing address of the ISA
 European Patent Office, P.B. 5818 Patentlaan 2
 NL – 2280 HV Rijswijk
 Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,
 Fax: (+31–70) 340–3016 | Authorized officer

 Dewyn, T |

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

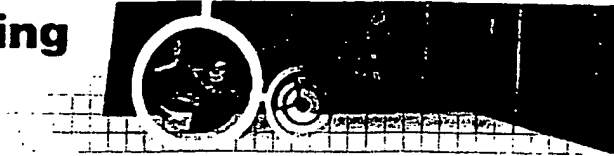| Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	VON LASZEWSKI G ET AL: "InfoGram: a grid service that supports both information queries and job execution" PROCEEDINGS 11TH IEEE INTERNATIONAL SYMPOSIUM ON HIGH PERFORMANCE DISTRIBUTED COMPUTING IEEE COMPUT. SOC PISCATAWAY, NJ, USA, July 2002 (2002-07), pages 333-342, XP002309352 ISBN: 0-7695-1686-6 the whole document	1-7
A	US 6 009 455 A (DOYLE JOHN F) 28 December 1999 (1999-12-28) the whole document	1-7
A	US 2003/005068 A1 (MIKOLIC-TORREIRA IGOR ET AL) 2 January 2003 (2003-01-02) the whole document	1-7
A	VON LASZEWSKI G ET AL: "Grid-based asynchronous migration of execution context in Java virtual machines" EURO-PAR 2000 PARALLEL PROCESSING. 6TH INTERNATIONAL EURO-PAR CONFERENCE. PROCEEDINGS (LECTURE NOTES IN COMPUTER SCIENCE VOL.1900) SPRINGER-VERLAG BERLIN, GERMANY. September 2000 (2000-09), pages 22-34. XP002309353 ISBN: 3-540-67956-1 the whole document	1-7

1

INTERNATIONAL SEARCH REPORT

Information on patent family members

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2002019844	A1	14-02-2002	NONE		
US 6009455	A	28-12-1999	NONE		
US 2003005068	A1	02-01-2003	CA	2433292 A1	11-07-2002
			EP	1358547 A1	05-11-2003
			JP	2004530182 T	30-09-2004
			WO	02054224 A1	11-07-2002

About Grid computing

What would it mean if you could:

- Analyze the value of an investment portfolio in minutes rather than hours?
- Unite research teams with others around the world to take advantage of the most up-to-date learnings?
- Significantly accelerate the drug discovery process?
- Scale your business to meet cyclical demand?
- Cut the design time of your products in half while reducing the instances of defects?

Government labs and scientific organizations have been using grid technologies for several years, solving some of the most complex and important problems facing mankind. Now grid computing is becoming a critical component of day-to-day business. Today's challenging business climate requires continuous innovation to differentiate products and services. Businesses must adjust dynamically and efficiently to marketplace shifts and customer demands.

IBM's response to these customer needs is what e-business on demand is all about. There's a profound shift afoot in how computing is used — even in basic assumptions about how it's accessed and paid for. Grid computing can bring tremendous productivity and efficiency to organizations facing the challenges of an on demand world.

IBM has practical information on grid computing
Find out what a grid is.
→ What is grid computing?

Learn how IBM uses grid.
→ IBM and grid

Learn about the significant productivity and efficiency gains that grid can offer businesses today.
→ Grid benefits

Get answers to frequently asked questions for businesses just considering grid computing, as well as those taking the next steps in unleashing grid power.
→ Frequently asked questions